MAYO CLINIC
Mayo Medical Laboratories

Test Definition: 3A4B

Cytochrome P450 3A4 Genotype, Blood

Reporting Title: CYP3A4 Genotype, B
Performing Location: Rochester

Specimen Requirements:

Multiple genotype tests can be performed on a single specimen after a single extraction. See Whole Blood EDTA Genotype Tests in Special Instructions for a list of tests that can be ordered together.
Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send specimen in original tube.
Additional Information: Patients who had a heterologous blood transfusion within the preceding 45 days (6 weeks), or who have received an allogeneic bone marrow transplant, can have false genetic test results as human DNA present in the blood may be a mixture of patient and donor DNA. For these patients, saliva specimen (rather than blood) should be submitted, order 3A4O/61242 Cytochrome P450 3A4 Gentoype, Saliva.
Forms: New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Whole Blood EDTA	Ambient (preferred)	
	Refrigerated	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
34689	CYP3A4 Genotype Result	Alphanumeric		
34690	CYP3A4 Interpretation	Alphanumeric		
34691	Reviewed by	Numeric		

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	MOLECULE NUCLEIC AMPLI EACH	1	83898		
Billing only	MOLECULAR DIAGNOSTICS	2	83896		
Billing only	GENETIC EXAMINATION	1	83912		

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
NPLXT	Rapid DNA Extraction	1	83890	Yes	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
NPLXT	28357	Comment	Alphanumeric		

Reference Values:

An interpretive report will be provided.